

Abstract

A system and method are provided for facilitating secure communication between a web browser and an application server. An application server is able to actively send out requests to webserver to connect approved browsers for service sessions between the browsers and application servers. This is in contrast to passive operations of conventional application servers that allow browsers to actively access application servers for screening, leaving the application servers and other associated entities vulnerable to possible computer hackers. This is accomplished via a plurality of intermediate webserver that screen and route browser requests destined for particular application servers. The webserver are configured to communicate amongst each other to share status information related to communication sessions between browsers and application servers. The invention further includes a state server configured to store data related to communication sessions occurring among a web browser, a webserver and an application server, to allow one webserver to take over a session from another webserver in the event of a termination of a session monitored by a webserver.